



(19)

Generated Document.

(11) Publication number: 2000346427 A

PATENT ABSTRACTS OF JAPAN

(21) Application number: 11156596

(51) Intl. Cl.: F24F 11/02 F25B 49/02 H02H 3/20 H02M
7/48 H02P 7/63

(22) Application date: 03.06.99

(30) Priority:

(43) Date of application 15.12.00
publication:(84) Designated contracting
states:

(71) Applicant: SANYO ELECTRIC CO LTD

(72) Inventor: KAWABE EIJI
MATSUMOTO SATOSHI
TAKATSU YUKI

(74) Representative:

(54) PROTECTING MACHINE FOR AIR- CONDITIONER

(57) Abstract:

PROBLEM TO BE SOLVED: To protect parts, such as semiconductor elements, situated at an outdoor from an abnormal voltage.

SOLUTION: A protection device 140 is formed such that, when abnormality of a source voltage is

detected by an abnormality voltage detecting circuit 136, a switching element 134 is actuated by a protection operation part 144, and a feed of a power to a drive circuit 152 from a rectification substrate 94 is cut off. Even when a power of an abnormal voltage flows to the rectification substrate 94 through a positistor 132, outputting of a voltage corresponding to the abnormal voltage is reliably prevented. This constitution reliably protects a switching source 104 for controlling an inverter to form a drive circuit and reliably protects the semiconductor part of an inverter circuit 106.

COPYRIGHT: (C)2000,JPO



